

CLAIMS

1. An electronically controlled valve (100) for supplying a controlled amount of fountain solution (FS) or cleaning agent to rollers in a printing machine
5 **characterized** by sensing means (200, 220E, 220R, 230, P) for providing an output signal when the valve (100) is open.
2. The electromagnetic valve (100) according to claim
10 1, wherein the sensing means is an optical sensing means (200, 220E, 220R).
3. The electromagnetic valve (100) according to claim
15 1, wherein the sensing means is an accelerometer (230).
4. The electromagnetic valve (100) according to claim
1, wherein the sensing means is a Hall-effect sensor (230).
5. The electromagnetic valve (100) according to claim
20 1, wherein the sensing means is a pressure sensor (P).
6. The electromagnetic valve (100) according to any
of the preceding claims, wherein adaptive control means is
provided for controlling opening of the valve (100) in
25 response to the output signals from the sensing means (200, 220E, 220R, 230, P).
7. A method for controlling an actual opening timing
for a valve (100) supplying fountain solution or cleaning
30 agent to rolls in a printing machine, **characterized**
by the steps of:
- arranging means for sensing whether the valve is open and
 - using an output signal from the sensing means for
35 adaptive control of a signal opening the valve.